

Appl. No. 09/705,035
Reply to Office Action of September 8, 2005

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (currently amended): A portable audio listening apparatus comprising:

means for generating an audio modulated signal modulated in a band in which a signal is transferred by using a human body of a single user;

a first electrode for outputting the generated audio modulated signal;

a second electrode for receiving the audio modulated signal transferred through the first electrode and then through the body of the single user, with a transmission path of the audio modulated signal not being capacitively coupled to ground;

means for demodulating the audio modulated signal received by the second electrode, and downloading said demodulated signal into said audio listening apparatus for storage; and

means for generating audible sound according to the demodulated signal stored in said listening apparatus;

wherein said second electrode is attached to the audible sound generating means which receives signals from the playback apparatus adapted to receive the audio modulated signal sent from an audio-signal transmission apparatus.

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Claim 2 (currently amended): A portable audio listening apparatus comprising:
a portable transmission apparatus and a portable receiving apparatus electrically and mechanically structured as different units,
the portable transmission apparatus comprising:
means for generating an audio modulated signal modulated in a band in which a signal is transferred by using a human body of a single user; and
a first electrode for outputting the generated audio modulated signal, and
the portable receiving apparatus comprising:
a second electrode for receiving the audio modulated signal transferred through the first electrode and then through the body of the single user;
means for demodulating the audio modulated signal received by the second electrode and downloading said demodulated signal into said audio listening apparatus for storage; and
means for generating audible sound according to the stored demodulated signal;
wherein said second electrode is attached to the audible sound generating means which receives signals from the playback apparatus adapted to receive the audio module signal sent from an audio signal transmission apparatus.

Claim 3 (original): A portable audio listening apparatus according to claim 2, wherein the transmission apparatus further comprises means for storing individual authentication data.

Claim 4 (previously presented): A portable audio listening apparatus according to claim 2, wherein the receiving apparatus further comprises means for storing individual authentication data.

Claim 5 (previously presented): A portable audio listening apparatus according to claim 2, wherein the transmission apparatus further comprises playback means for playing back an audio signal to be modulated and control means for controlling the playback means.

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Claim 6 (original): A portable audio listening apparatus according to claim 5, wherein the playback means accommodates a detachable recording medium and reproduces an audio signal from the recording medium.

Claim 7 (previously presented): A portable audio listening apparatus according to claim 2, wherein the receiving apparatus further comprises recording means for recording an audio signal in a predetermined form, said receiving apparatus receives, by an electrode, an audio modulated signal transferred from a predetermined another transmission apparatus by using a human body, and demodulates the received audio modulated signal and records it in a predetermined recording form by using the recording means.

Claim 8 (original): A portable audio listening apparatus according to claim 7, wherein the frequency band of an audio modulated signal transmitted by the transmission apparatus is made different from that of an audio modulated signal transmitted by the predetermined another transmission apparatus.

Claim 9 (canceled)

Claim 10 (currently amended): A portable receiving apparatus comprising:
an electrode for receiving an audio modulated signal transferred through a human body of a user;
means for demodulating the audio modulated signal received by the electrode and downloading said demodulated signal into said audio listening apparatus for storage; and
means for generating audible sound according to the stored demodulated signal;
wherein said a second electrode is attached to the audible sound generating means which receives signals from the playback apparatus adapted to receive the audio modulated signal sent from an audio signal transmission apparatus.

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Claim 11 (previously presented): A portable audio listening apparatus according to claim 1, wherein the second electrode, the demodulating means and the audible sound generating means are incorporated into a headphone.

Claim 12 (previously presented): A portable audio listening apparatus according to claim 1, wherein the second electrode is at least one ear pad on the headphone.